

PATENT COOPERATION TREATY

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REC'D 05 JUL 2004

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

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(PCT Article 36 and Rule 70)

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| Applicant's or agent's file reference 2020078PC/ko | FOR FURTHER ACTION See Form PCT/IPEA/416 | |
| International application No. PCT/FI 2003/000271 | International filing date (day/month/year) 10.04.2003 | Priority date (day/month/year) 15.04.2002 |
| International Patent Classification (IPC) or national classification and IPC H04M 3/42, H04Q 7/38 | | |
| Applicant NOKIA CORPORATION et al | | |

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
 - a. ☐ (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:
 - ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
 - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
 - b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the report |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

| | |
|---|---|
| Date of submission of the demand 30.10.2003 | Date of completion of this report 21.06.2004 |
| Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88 | Authorized officer Behroz Moradi/BS Telephone No. +46 8 782 25 00 |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/FI 2003/000271

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This report is based on a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of:

- ☐ international search (under Rules 12.3 and 23.1(b))
☐ publication of the international application (under Rule 12.4)
☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

☒ the international application as originally filed/furnished

☐ the description:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ the claims:

pages _____ as originally filed/furnished

pages* _____ as amended (together with any statement) under Article 19

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ the drawings:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | | |
|-------------------------------|--------|-------------|-----|
| Novelty (N) | Claims | _____ | YES |
| | Claims | <u>1-20</u> | NO |
| Inventive step (IS) | Claims | _____ | YES |
| | Claims | <u>1-20</u> | NO |
| Industrial applicability (IA) | Claims | <u>1-20</u> | YES |
| | Claims | _____ | NO |

2. Citations and explanations (Rule 70.7)

Documents cited in the International Search Report:

D1: WO0004730 A1
D2: WO9927722 A2
D3: US5933778 A
D4: WO9842115 A1
D5: US6038305 A
D6: US6067347 A
D7: US6101242 A

D1 describes a method for personalizing a service for subscribers in a telecommunication system. The personalized services involving the selection or delivery of services based on subscriber profile information. The subscriber profile information (114) includes information regarding individual subscribers that is useful in personalizing the services and in processing individual service requests. The subscriber profile is used to identify one or more appropriate service providers from the candidate service providers. Specifically, the system first selects (306) a candidate provider from the list of candidate service providers. The system then retrieves (308) the subscriber profile information and compares (310) the candidate provider to the profile information, (page 1-5; fig. 3; abstract).

D2 describes a telecommunication system and a set of services and memory means including at least one network subscriber not less than two different subscriber-specific service profiles or network-specific services comprising services defined for the subscriber respective network from the set of services. The system is characterized by further comprising changing means for changing the service profile is used by the subscriber to another service profile

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: BOX V

, and update means responsive to the changing means for sending the service settings of the service profile to units comprising information needed for providing the services, (page 1-6; fig. 1-7; abstract).

D3 shows a system for providing telecommunication services based on subscriber profile. The subscriber profile using personal information manager data which generates profile update data from data entered by subscriber and transmits it to system database. Either automatically, or through additional user input, the PIM generates profile update data associated with the personal information data. The CPU 124 executes the computer program instructions of the PIM program 130, in order to carry out the personal information management functions of the PIM 122, (column 3, line 42 - column 4, line 52; figures 1-11; abstract).

D4 describes Service profile producing method for creating service profile dependent on user's selection for subscription in telecommunications network. The subscription in telecommunications network can use with several different subscribers numbers, each number associated with optional service profile dependent on user's selection, (page 1-3, abstract).

D5-D7 describes a communication network switching office which is instructed to select one subscriber service profile corresponding to the identified individual subscriber, from stored profiles. Based on the data from the selected profile, the data representing the identity of identified individual subscriber is transmitted to the destination station (1).

The method according to claims 1, 7, 12, 17, and 19 is known from D1 or D2 thus; the invention defined in claims 1, 7, 12, 17, and 19 is not new and consequently lacks novelty and inventive step.

Dependent claims 2-6, 8-11, 13-16, 18 and 20 do not appear to contain any additional features which, in combination with the features of any claim to which they refer, involve an inventive step, since said features fall within the scope of the customary practice followed by persons skilled in the art. A person skilled in the art would try to combine the principle parts of D1 or D2 with the closest prior art D3 or D4 to obtain the features of claims 2-6, 8-11, 13-16, 18 and 20 and have a reasonable expectation of success. .../...

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of: BOX V

The solution proposed in claims 2-6, 8-11, 13-16, 18 and 20 of the present application cannot be considered as involving an inventive step. Consequently, the invention according to the claims 2-6, 8-11, 13-16, 18 and 20 lacks an inventive step.